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File: DWPI

Oct 5, 2004

DERWENT-ACC-NO: 2002-061687

DERWENT-WEEK: 200465

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TITLE: Substrate treatment device has each substrate fed through treatment fluid in process container provided with variable overflow opening

INVENTOR: MEURIS, M ; SCHNEIDER, J ; SPEH, U

PATENT-ASSIGNEE:

ASSIGNEE

CODE

STEAG MICROTECH GMBH

STGG

IMEC

IMECN

IMECVZW

IMECN

MATTSON WET PROD GMBH

MATTN

IMEC VZW

IMECN

PRIORITY-DATA: 1999DE-1034300 (July 21, 1999)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 6799588 B1</u>	October 5, 2004		000	B08B003/04
<input checked="" type="checkbox"/> <u>WO 200108200 A1</u>	February 1, 2001	G	021	H01L021/00
<input type="checkbox"/> <u>DE 19934300 A1</u>	April 5, 2001		000	H01L021/306
<input type="checkbox"/> <u>DE 19934300 C2</u>	February 7, 2002		000	H01L021/306
<input type="checkbox"/> <u>EP 1208586 A1</u>	May 29, 2002	G	000	H01L021/00
<input type="checkbox"/> <u>KR 2002063157 A</u>	August 1, 2002		000	H01L021/00
<input type="checkbox"/> <u>TW 487960 A</u>	May 21, 2002		000	H01L021/02
<input type="checkbox"/> <u>JP 2003505881 W</u>	February 12, 2003		022	H01L021/304

DESIGNATED-STATES: JP KR SG US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
SE AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6799588B1	July 14, 2000	2000WO-EP06716	
US 6799588B1	April 17, 2002	2002US-0031923	

US 6799588B1		WO 200108200	Based on
WO 200108200A1	July 14, 2000	2000WO-EP06716	
DE 19934300A1	July 21, 1999	1999DE-1034300	
DE 19934300C2	July 21, 1999	1999DE-1034300	
EP 1208586A1	July 14, 2000	2000EP-0954498	
EP 1208586A1	July 14, 2000	2000WO-EP06716	
EP 1208586A1		WO 200108200	Based on
KR2002063157A	January 21, 2002	2002KR-0700862	
TW 487960A	August 31, 2000	2000TW-0114474	
JP2003505881W	July 14, 2000	2000WO-EP06716	
JP2003505881W	July 14, 2000	2001JP-0512620	
JP2003505881W		WO 200108200	Based on

INT-CL (IPC): B08 B 3/04; B08 B 3/12; H01 L 21/00; H01 L 21/02; H01 L 21/304;
H01 L 21/306

ABSTRACTED-PUB-NO: WO 200108200A
BASIC-ABSTRACT:

NOVELTY - The substrate treatment device has a process container (8) within a gas atmosphere, holding a treatment fluid (20) through which each substrate (3) is passed, between aligned entry and outlet openings (15,16) of the container, positioned below the surface of the treatment fluid, maintained at a given height via a variable overflow opening (17) leading to an overflow container (42).

USE - The device is used for treating the surface of a substrate, e.g. a semiconductor wafer.

ADVANTAGE - The overflow allows the treatment fluid within the process container to be maintained at a given level.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic cross-section through a substrate treatment device.

Substrate 3

Process container 8

Entry and outlet openings of process container 15,16

Overflow opening 17

Treatment fluid 20

Overflow container 42

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: SUBSTRATE TREAT DEVICE SUBSTRATE FEED THROUGH TREAT FLUID PROCESS
CONTAINER VARIABLE OVERFLOW OPEN

DERWENT-CLASS: P43 U11

EPI-CODES: U11-C09X;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-045794

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PALM INTRANET

Continuity Information for 09/819578

Parent Data

09819578

is a continuation in part of 09655038

is a continuation in part of PCT/US99/2686 International Filing Date: 08/02/1999

Claims Priority from Provisional Application 60104131

Claims Priority from Provisional Application 60192531

Child Data

No Child Data

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Invent
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